PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Tredemark Office; U.S. DEPARTMENT OF COMMERCE

substitute for form 1449/PTO

Sheet 1

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

the Paperwo	ork Reduction Act of	1995, no persons are required t	o respond to a collection of informa	tion unless it contains a valid OMB control nu	mber.		
stitute for form 1449/PTO			Complete if Known				
			Application Number	10/619721	_		
	ATION D	ISCLOSURE	Filing Date	7/15/2003			
	-		First Named Inventor	Ringeisen, Timothy A			
	· · · · · · · ·	APPLICANT	Art Unit				
(Use as many sheets as necessary)			Examiner Name				
14		14	Attorney Docket Number	KNI D OOSS	$\overline{}$		

			U. S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	 	Number-Kind Code ^{2 (f known)}			riguies Appear
coe_	<u> </u>	^{US-} 3,741,205	06/26/1973	Markolf et al	
	<u> </u>	^{US-} 6,344,042	11/13/2000	Curtis et al.	
		^{US-} 3,877,424	04/15/1975	Murray	
		^{US-} 5,201,733	04/13/1993	Etheredge, III	
		^{US-} 6,454,770	09/24/2002	Klaue	
		^{US-} 6,336,930	01/08/2002	Stalcup et al.	
		us- 3,739,773	06/19/1973	Schmitt et al.	
		^{US-} 5,290,281	03/01/1994	Tschakaloff	
		^{US-} 6,332,884	12/25/2001	Cooper	
		^{US-} 6,221,075	04/24/2001	Tormala et al.	
		^{US-} 6,203,573	03/20/2001	Walter et al.	
		^{US-} 4,966,599	10/30/1990	Pollock	
		^{US-} 5,413,577	05/09/1995	Pollock	
		^{US-} 4,186,448	02/05/1980	Brekke	
		^{US-} 6,031,148	02/29/2000	Hayes et al.	
		^{US-} 5,855,608	01/05/1999	Brekke et al.	
		^{US-} 2002/0127265	09/12/2002	Bowman et al.	
		^{US-} 5,948,020	09/07/1999	Yoon et al.	
æ		^{US-} 6,306,424	10/23/2001	Vyakarnum et al.	

		FORE	IGN PATENT DOCL	JMENTS		
Examiner Initials*	Cite No.1		Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code ³ "Number ⁴ "Kind Code ⁸ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T ⁶
Œ		EP 0 274 898	07/20/1988	Hinsch		
æ		WO 86/00533	01/30/1986	Leenslag et al.		
_	<u> </u>					<u> </u>
	 				<u> </u>	┝
	 					╄═

Examiner		Date	
Signature	Ca dash	Considered	6/11/06
			,

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 'Applicant's unique citation designation number (optional). 'See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 'Sent office that issued the document, by the two-letter code (WIPO Standard ST.3). 'For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 'Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 'Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

n 1449/PTO

Sheet 1

(Use as many sheets as necessary)

of 1

Complete it Known					
Application Number 10/619721					
Filing Date	7/15/2003				
First Named Inventor	Ringeisen, Timothy				
Art Unit	3732				
Examiner Name	COMSTOCK, DAVID C				
Attorney Docket Number KN D 0065					

			U. S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (7 (2)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
Œ		^{US-} US 4186448	02-05-1980	Brekke, John	
æ		^{US-} US 6031148	02-29-2000	Butler, Mark	
Ø2		^{US-} US 5855608	01-05-1999	THM Biomedical	
oc.		^{US-} US 6391059	05-21-2002	Macropore	
		US-			

	FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages				
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	₽°			
Ø.		EP 1216718	06-26-2002	Ethicon Inc.					
œ		EP 1064958	01-03-2001	Ethicon Inc.					
œ		WO 2004/006973	01-22-2004	Kensey Nash					
OR.		WO 99/56800	11-11-1999	Advanced Bio					
CR		EP 0784985	07-23-1997	Yamanouchi					
æ		EP 0562864	09-29-1993	1&1					

Examiner		Date	
		00.0	1 /11 /2/
Signature	(1/2 + 1/2	Considered	6/11/06
- 0	Carried Carried		-//

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.